

Mailing No.: 9-5-2007-035218147

Mailed Date: June 26, 2007

Filing Due Date: August 26, 2007

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KOREAN INTELLECTUAL PROPERTY OFFICE

NOTICE OF SUBMISSION OF ARGUMENT

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Application No.: 10-2006-7014712

Title of the Invention: EXPANDABLE RESIN COMPOSITION, EXPANDED  
ARTICLE USING THE SAME AND COAXIAL INSULATED CABLE

As the result of the examination of the present application, grounds for rejection have been found and notified herein according to Article 63 of the Patent Law. If any argument or an amendment is needed, please submit an Argument [Patent Law Enforcement Regulation Annex Form No. 25-2] and/or an Amendment [Patent Law Enforcement Regulation Annex Form No. 5] by the above due date. (The above filing due date is extensible by one month for each request, however no notification of allowance of extension of time will be issued.)

[Examination Result]

- ☐ Claims to be rejected: Claims 1 to 3
- ☐ Examination result except for claims: None of Ground for Rejection
- ☐ Allowable claim: Claim 4

\* Allowable claim is an examination result at the time of issuing the notice of submission of argument. A notice of submission of argument will be issued again when new grounds for rejection are found or grounds for rejection occurs because of applicant's amendment.

[Grounds]

The present application cannot be patentable under Section 2, Paragraph 1, Article 29 of the Patent Law because the inventions described in claims 1 to 3 of the present application are described in publications distributed in foreign countries before filing the present application.

<Below>

(1) Claim 1 relates to a foaming composition characterized by comprising a fluororesin and an electrical insulating whisker. However, Japanese Unexamined Patent Application Publication No. H04-279639 (1992.10.05, hereinafter referred to as "cited invention") discloses a foaming composition containing 50 to 95% by volume of a fluororesin and 5 to 50% by volume of a fibrous filler (identification number [0007]) and discloses that potassium titanate, a silicon nitride whisker and the like can be used as the fibrous filler (identification number [0008]). Accordingly, this invention is substantially the same as the cited invention.

(2) Claim 2 adds to Claim 1 the restriction that "the electrical insulating whisker is at least one selected from aluminum borate, magnesium borate, potassium titanate and silicon nitride". However, the cited invention (identification number [0008]) discloses that potassium titanate, a silicon nitride whisker and the like can be used

as the fibrous filler (identification number [0008]).  
Accordingly, this invention is substantially the same as the  
cited invention.

(3) Claim 3 relates to a foam characterized by being obtained  
by foaming a composition comprising a fluoro-resin and an  
electrical insulating whisker upon mixing it with a foaming  
agent. However, the cited invention discloses a porous body  
(identification numbers [0007], [0009]) obtained by foaming  
a composition containing 50 to 95% by volume of a fluoro-resin  
and 5 to 50% by volume of a fibrous filler upon mixing it with  
a foaming agent and discloses that potassium titanate, a  
silicon nitride whisker and the like can be used as the fibrous  
filler (identification number [0008]). Accordingly, this  
invention is substantially the same as the cited invention.

[Attachment]

Attachment 1: Japanese Unexamined Patent Application  
Publication No. H04-279639 (1992.10.05) End.

June 26, 2007

KOREAN INTELLECTUAL PROPERTY OFFICE

Chemistry and Biotechnology Examinations Bureau

Organic Chemistry Examination Division

Examiner, Roh-Choon Park

<<INFORMATION>>

This is to inform you that you may amend a specification or drawings within a scope described in the specification or drawings attached originally to the patent application under Article 47, Paragraph 2 of Patent Law.

(Note: please be informed that more severe requirements than the above requirements will be applied for an amendment after a final notice of submission of argument and at the time of appeal against decision of rejection.)

\* However, in case of patent application filed before July 1, 2001, a specification or drawings can be amended within a scope of not changing the gist of the specification or drawings attached originally to the patent application under Article 47, Paragraph 2 of Old Patent Law (before revision as Law No. 6411 effective as of February 3, 2001).

\* Information on Payment of Amendment Fee

- When an amendment to the specification or drawings is submitted, a fee for amendment should be paid, in the amount of 3,000 Korean Wons in the case of submitting as an electronic document file, and 13,000 Korean Wons in the case of submitting as a written document.
  - The fee for amendment should be paid, together with a filled form of Appended Form No.1 given under the "Regulations for Charging the Patent Registration Fee and Service Fees", with a granted receipt number inscribed therein, by the next day of the day of receiving the receipt number. However, if the due date for payment corresponds to an official holiday (including Saturday, a non-working day), the payment should be made by the first working day after the non-working day.
  - The fee for amendment may be paid either to the banks receiving the National Treasury (most of the commercial banks) or by the electronic bill payment system ([www.giro.go.kr](http://www.giro.go.kr)). However, if an amendment fee were to be submitted by mail, a sum of the currency corresponding to the amount of the fee for amendment sent together with the amendment would be acceptable by the Korean Intellectual Property Office (KIPO).
- \* Inquiries regarding the form or procedure may be placed to the Customer Call Center at the KIPO (Tel. 1544-8080), and if you have other questions, please call 042-481-5958 for help (Examiner in charge: Roh-Choon Park).

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